FEB. 19. 2002 2:38PM

2 2:38PM TTC PALO ALTO

I hereby certify that this corn Jence is being delivered by Hand

NO. 8868 P.

PATENT

Attorney Docket No.: 018547034800

Client Reference No.: 3079

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

David H. Mack et al

Application No.: 09/020,743

Filed: February 9, 1998

For: COMPUTER-AIDED

VISUALIZATION OF EXPRESSION

COMPARISON

Examiner:

J. Siew

Art Unit:

1656

PETITION UNDER 37 CFR §1.48(a)(1)

Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The Assignee and Inventors of U.S. Patent Application Serial No.09/020,743, hereby request that Kurt Gish, David Balaban, Elina Khurgin, Josie Dai and Jim Snyder be added as inventors of this patent application. Please charge the \$130 fee specified in 37 C.F.R. 1.17(i) for filing this petition to the undersigned's Deposit Account No. 20-1430.

We also enclose with this petition the following papers that are required under 37

C.F.R. § 1.48(a): Statement of the existing inventor; declaration of actual inventors; and

Statement of an assignee of interest. As indicated in the attached statements, the error arose without any deceptive intent. If there are any other fees due in connection with the filing of this

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NO. 8868 P. 8

PATENT

David H. Mack et a

Application No.: 09/020,743

Page 2

petition, please charge the fees to our Deposit Account No. 20-1430. If there are any other fees due under 37 C.F.R. § 1.16 or 1.17 which are not enclosed, please charge those fees to our Deposit Account No. 20-1430. This Petition is submitted in duplicate.

By:

Joe Liebeschuetz Reg. No. 37,505

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834

Tel: 650-326-2400 Fax: 650-326-2422

JOL:pfh

PA 3188397 vl

Application Data Sheet

Application Information

Application number:: 09/020,743

Filing Date:: 02/09/98

Application Type:: Regular

Subject Matter:: Utility

Suggested classification::

Suggested Group Art Unit::

CD-ROM or CD-R??::

Number of CD disks::

Number of copies of CDs::

Sequence Submission::

Computer Readable Form (CRF)?::

Number of copies of CRF:;

Title:: COMPUTER-AIDED VISUALIZATION OF

EXPRESSION COMPARISON

Attorney Docket Number:: 018547-034800US

Request for Early Publication:: No

Request for Non-Publication:: No

Suggested Drawing Figure:: 1

Total Drawing Sheets:: 6

Small Entity?:: No

Latin name::

Variety denomination name::

Petition included?:;

Petition Type::

Licensed US Govt. Agency::

Contract or Grant Numbers One::

Secrecy Order in Parent Appl.:: No

Page 1

Applicant Information

Applicant Authority Type:: Inventor

Primary Citizenship Country:: US

Status:: Full Capacity

Given Name:: David

Middle Name:: H.

Family Name:: Mack

Name Suffix::

City of Residence:: Menlo Park

State or Province of Residence:: CA

Country of Residence:: US

Street of Mailing Address:: 2076 Monterey Avenue

City of Mailing Address:: Menlo Park

State or Province of mailing address:: CA

Country of mailing address:: US

Postal or Zip Code of mailing address:: 94025

Applicant Authority Type:: Inventor

Primary Citizenship Country:: US

Status:: Full Capacity

Given Name:: Kurt

Middle Name::

Family Name:: Gish

Name Suffix::

City of Residence:: Sunnyvale

State or Province of Residence:: CA

Country of Residence:: US

Street of Mailing Address:: 953 Helen Avenue, Apt. 7

City of Mailing Address:: Sunnyvale

State or Province of mailing address:: CA

Page 2

Country of mailing address::

US

Postal or Zip Code of mailing address:: 94086

Applicant Authority Type::

Inventor

Primary Citizenship Country::

US

Status::

Full Capacity

Given Name::

David

Middle Name::

Family Name::

Balaban

Name Suffix::

City of Residence::

San Jose

State or Province of Residence::

CA

Country of Residence::

US

Street of Mailing Address::

7127 Glenview Drive

City of Mailing Address::

San Jose

State or Province of mailing address::

CA

Country of mailing address::

US

Postal or Zip Code of mailing address:: 95120

Applicant Authority Type::

Inventor

Primary Citizenship Country::

US

Status::

Full Capacity

Given Name::

Elina

Middle Name::

Family Name::

Khurgin

Name Suffix::

City of Residence::

Cupertino

State or Province of Residence::

ÇA

Country of Residence::

US

Page 3

Street of Mailing Address::

22999 Voss Avenue

City of Mailing Address::

Cupertino

State or Province of mailing address::

CA

Country of mailing address::

US

Postal or Zip Code of mailing address:: 95014

Applicant Authority Type::

Inventor

Primary Citizenship Country::

China

Status::

Full Capacity

Given Name::

Josie

Middle Name::

Family Name::

Dai

Name Suffix::

City of Residence::

San Jose

State or Province of Residence::

CA

Country of Residence::

USUS

Street of Mailing Address::

4009 Higuera

City of Mailing Address::

San Jose

State or Province of mailing address::

CA

Country of mailing address::

US

Postal or Zip Code of mailing address:: 95148

Applicant Authority Type::

Inventor

Primary Citizenship Country::

US

Status::

Full Capacity

Given Name::

Jim

Middle Name::

Family Name::

Snyder

Name Suffix::

Page 4

Initial 12/5/01

1 !

City of Residence::

Palo Alto

State or Province of Residence::

CA

Country of Residence::

US

Street of Mailing Address::

321 Fulton Street

City of Mailing Address::

Palo Alto

State or Province of mailing address::

CA

Country of mailing address::

US

Postal or Zip Code of mailing address:: 94301

Correspondence Information

Correspondence Customer Number::

20350

Representative Information

Representative Designation::

Representative Number::

Representative Name::

Primary

30,223

William M. Smith

Primary

37.505

Joe Liebeschuetz

Associate

44,419

Wei Zhou

Associate

31,395

Philip L. McGarrigle

Associate

32,483

Vernon A. Norviel

Domestic Priority Information

Application::

Continuity Type::

Parent Application:: Parent Filing Date::

09/020,743

Non-Prov of

60/069,436

December 11,1997

Provisional

Assignee Information

Assignee Name::

Affymetrix, Inc.

Street of mailing address::

3380 Central Expressway

City of mailing address::

Santa Clara

Page 5

Initial 12/5/01

1:

State or Province of mailing address:: CA

Country of mailing address:: US

Postal or Zip Code of mailing address:: 95051

Page 6

TTC PALO ALTO

NO. 8868 P. 15_._

Assistant Consensatoper for Passis. Box: Series fee Washington, D.C. 20211 On	Attorney Docket No.: 018: 47034. Client Reference No.: 36 RADEMARK OFFICE J. Siew 1656
Assistant Commissioner for Patents Box: Issue Sea Watchington, D.C. 20211 On	RADEMARK OFFICE J. Slew
Assistant Connectations for Patents Box Issue Sea Washington, D.C. 2021 On	RADEMARK OFFICE J. Slew
Washington, D.C. 20211 On	J. Slew
IN THE UNITED STATES PATENT AND T In re application of: David H. Mack et al Application No.: 09/020,743 Piled: February 9, 1998 Por: COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231	J. Slew
IN THE UNITED STATES PATENT AND T In re application of: Dayid H. Mack et al Application No.: 09/020,743 Filed: February 9, 1998 For: COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231	J. Slew
IN THE UNITED STATES PATENT AND T In re application of: Dayid H. Mack et al Application No.: 09/020,743 Piled: February 9, 1998 Por: COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231	J. Slew
IN THE UNITED STATES PATENT AND The reapplication of: Dayld H. Mack et al Application No.: 09/020,743 Piled: February 9, 1998 Por: COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231	J. Slew
In re application of: Dayid H. Mack et al Application No.: 09/020,743 Filed: February 9, 1998 For: COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231	J. Slew
David H. Mack et al Application No.: 09/020,743 Piled: February 9, 1998 Por: COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231	
Dayid H. Mack et al Application No.: 09/020,743 Piled: February 9, 1998 Por: COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231	
Piled: February 9, 1998 For: COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231	1656
Por: COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C., 20231	
For: COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON Box Issue Fee Assistant Commissioner for Paints Washington, D.C. 20231	OF DAVID MACK IN
Assistant Commissioner for Patents Washington, D.C. 20231	PETITION TO CORRECT IP UNDER 37 C.F.R.
Str:	
I, David Mack, state;	
1. I am a currently named inventor on the above capt	ioned patent.
2. I have no disagreement with regard to the requeste	d change in inventorship is act
out in the accompanying Petition, namely the addition of Ku	of Girls Double Parkers of
Churgin, Josie Dai and Jim Snyder as inventors.	Cour, David Balaban, Elina
	~/. /
Pato: 17/7/01	Mack

PATENT

David H. Mack et al Application No.: 09/020,743 Page 2

Customer No. 10350

TOWNSEND and TOWNSEND and CREW LLP Two Embaroadero Center, 8th Floor San Francisco, California 94111-3834 Tel; 650-326-2400 Fax: 650-326-2422 JOL:pfh

PA 3188576 vl

FEB. 19. 2002 2:40PM

TTC PALO ALTO

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I harsby certify that this correspondence is being delivered by	er Hand	- 4
Delivery to:		PATEN
N - Y	Attorney Docket No.: 01814 Client Reference N	703480
Assistant Commissioner for Petrote	CHOST RETAINING	NO.: 307
Don; lesce Pos		
Washington, D.C. 20231		
Оп		
Townsend and Townsend and Crew ILP		
Ву	}	
in the united states	PATENT AND TRADEMARK OFFICE	
In re application of:	Ÿ	
David H. Mack et al	Examiner: J. Slew	
Application No.: 09/020,743	Art Unit: 1656	
Filed: February 9, 1998	STATEMENT OF KURT GISH IN SUPPORT OF PETITION TO CORRECT	
For: COMPUTER-AIDED	SUPPORT OF PETITION TO CORRECT INVENTORSHIP UNDER 17 C.F.R. 5	B
VISUALIZATION OF EXPRESSION COMPARISON		
Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231 Sir:	- -	
I, Kurt Gish, state:		i
 My address is #953 Helen Drive residency and nationality is the United Sta 	c, Apt. #7, Sumyvele, California. My count ites.	y of
2. The inventorship error of failing	g to include myself. Kurt Gigh, as an inventor	of fac
phove captioned patent occurred without a	my deceptive insention on my part.	

David H. Mack et al Application No.: 09/020,743 Page 2

PATENT

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadoro Center, 8th Floor San Francisco, California 94111-3834 Tel: 650-326-2400 Fax: 650-326-2422 JOL:pfh

PADIESMYI

FEB. 19. 2002 2:41PM TTC PALO ALTO NO. 8868 I hereby certify that this cor idence is being delivered by Hand Delivery to: Attorney Docket No.: 018547034800 Client Reference No.: 3079 Assistant Commissioner for Palents Box: Issue Fee Washington, D.C. 20231 Desember 10, 2003 TOWNSEND and TOWNSEND and CREW LLP IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re application of. Examiner: J. Siew David H. Mack et al Art Unit: 1656 Application No.: 09/020,743 Filed: February 9, 1998 <u>STATEMENT OF DAVID BALABAN IN</u> SUPPORT OF PETITION TO CORRECT For: COMPUTER-AIDED INVENTORSHIP UNDER 37 C.F.R. VISUALIZATION OF EXPRESSION § 1.48 (a) COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231 Sir: I, David Balaban, state: 1. My address is 7127 Glenview Drive, San Jose, California. My country of residency and nationality is the United States. 2. The inventorship error of failing to include myself, David Balaban, as an inventor of the above captioned patent occurred without any deceptive intention on my part.

David Balaban

NO. 8868 P. 20

PATENT |

1 1

FEB. 19. 2002 2:41PM TTC David H. Mack et TTC PALO ALTO

Application No.: 05/020,743 Page 2

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LIP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 Tel: 650-326-2400 Fax: 650-326-2422

JOL:pfh

PA 3188387 v1

TTC PALO ALTO NO. 8868 FEB. 19. 2002 2:41PM I hereby certify that this co indence is being delivered by Hand Delivery to: Attorney Docket No.: 018547034800 Client Reference No.: 3079 Assistant Commissioner for Palents Box: Issue Fee Washington, D.C. 20231 December 10, 2001 TOWNSEND and TOWNSEND and CREW LLP IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re application of: Examiner: J. Siew David H. Mack et al Art Unit: 1656 Application No.: 09/020,743 Filed: February 9, 1998 STATEMENT OF ELINA KHURGIN IN SUPPORT OF PETITION TO CORRECT For: COMPUTER-AIDED INVENTORSHIP UNDER 37 C.F.R. VISUALIZATION OF EXPRESSION § 1.48 (a) COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231 Sir: I, Elina Khurgin, state: 1. My address is 22999 Voss Avenue, Cupertino, California. My country of residency and nationality is the United States. 2. The inventorship error of failing to include myself, Elina Khurgin, as an inventor of the above captioned patent occurred without any deceptive intention on my part.

Elina Khurgin

NO. 8868 P. 22

PATENT

FEB. 19. 2002 - 2:42PM

TTC PALO ALTO

David H. Mack et Application No.: 097020,743 Page 2

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 Tel: 650-326-2400 Fax: 650-326-2422 JOL:pfh

PA 3188390 v1

FEB. 19. 2002 1 2:42 PMy that th TIC PALO ALTO mg delivered by Hand Delivery to: At-ney Docket No.: 018547034800 Client Reference No.: 3079 Assistant Commissioner for Patenta Box: Issue Fee Washington, D.C. 20231 December 10, 2001 TOWNSEND and TOWNSEND and CREW LLP IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re application of: Examiner: J. Siew David H. Mack et al Art Unit: 1656 Application No.: 09/020,743 Filed: February 9, 1998 STATEMENT OF JOSIE DAI IN SUPPORT OF PETITION TO CORRECT For: COMPUTER-AIDED INVENTORSHIP UNDER 37 C.F.R. VISUALIZATION OF EXPRESSION § 1.48 (a) COMPARISON Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231 Sir: I, Josie Dai, state: 1. My address is 4009 Higuera Rd., San Jose, California. My country of residency is the United States and my country of nationality is China. 2. The inventorship error of failing to include myself, Josie Dai, as an inventor of the above captioned patent occurred without any deceptive intention on my part. Date: 12/6/200/ Josie Dai

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 Tel: 650-326-2400 Fax: 650-326-2422

JOL:pfh

PA 3188392 v#

12 2:42PM TTC PALO ALTO 1 hereby certify that this comes noo is being delivered by Man Delivery w:	Attoy Docket No.: 01854
A description of the second of	Client Reference N
Assistant Commissioner for Patents Box: Issue Fee	
Washington, D.C. 20231	
O Promb - 10 2001	
On	-
TOWNSEND and TOWNSEND and CREW LLP	
Ву	_
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the west energy of a tro da	TENT AND TRADEMARK OFFICE
IN THE UNITED STATES FA	TENI AND IRADEMPAR OFFICE
In re application of:	T I Sian.
David H. Mack et al	Examiner: J. Siew
	Art Unit: 1656
Application No.: 09/020,743	
Filed: February 9, 1998	STATEMENT OF JIM SNYDER IN
E. COMMER AIDED	SUPPORT OF PETITION TO CORRECT INVENTORSHIP UNDER 37 C.F.R.
For: COMPUTER-AIDED VISUALIZATION OF EXPRESSION	§ 1.48 (a)
COMPARISON ·	
Box Issue Fee Assistant Commissioner for Patents	
Washington, D.C. 20231	
_	•
Sir.	
I, Jim Snyder, state:	
•	Palo Alto, California. My country of resid
•	Paid Alto, California. My country of four
nationality is the United States.	
2. The investorship error of failing	to include myself, Jim Snyder, as an inven
above captioned patent occurred without an	y deceptive intention on myput.
12/4/01	X4 XX2
Date: /2/6/6/	/\-///
	/ \ ` / /

Application No.: 09/___,743
Page 2

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: 650-326-2400
Fax: 650-326-2422
JOL:pfh

PA 3188393 vi

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FEB. 19. 2002 2:43PM

TTC PALO ALTO

Atterney Docket No.: 01-034800US Client Ref. No.: 3079

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DECLARATION (37 CFR 1.83) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Invention COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON				
As the below named invantor(s), I/we declare that:					
This declaration is dir	ected to:	•		•	
	D	The attached application, or			
		Application No. 09/020,743 fied on	Pebruary 9, 1	899	
		as amended on (If application)	ibie);	-	H
liwe ballove that liwe for which a patent is a	emiere i	at to (s) company it will be landpho at	eµbject matt	er which to claimed and	1
		leretand the contents of the above- nendment specifically referred to abov		plication, including the	
i/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.59, including material information which became available between the filing date of the prior application and the National or PCT international filing date of the continuation-in-part application, if applicable; and					
All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these etsiements were made with the knowledge that willful false statements and the like are punishable by fine or impresonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.					
FULL NAME OF INVENTOR(8)					
Inventor 1 Devi	atr Ny	V	Data:	12/7/01	
Bigneture:	~	- back	Citizen of	United States	-[
Inventor 2 Kuridish - Dete: 12/7/01					
Signature:	147	1/0	CRizen of	United States	_
Inventor 3 Dayid	Beleba	n.	Date:		_
Signature:	 _		Citizen et:	United States	_
Inventor 4 Elne	Khunain		Date:		
Olgneture:			Citizen of:	United States	
Additional inventors are being remot on fermital attached herote.					

Bruden Hour Sustament: This collection of information is required by 36 U.S.C. 318 and 67 CPR 1.68. The information is used by the purple to the left the PTD to present an application. Confidentially be governed by 36 U.S.C. 138 and 37 CPR 1.14. This form is chimated to take 1 minute to complete. This time will very depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sont to the Chief Information Officer, U.S. Potent and Tratement Debto, Washington, DC 2023-1. DO NOT SEND PERS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Auditing Commissionary for Pathyle, Washington, DC 2023-1.

PA 3188400 VI

TTC PALO ALTO

NO. 8868

Attorney Docket No.: 0: 7-034800US Client Ref. No.: 8079

Client Ref. No.: 3079

Approved for use through tone years. Chie cell U.S. Patoni and Trademark Office: U.S. DEPARTMENT OF COM-

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) — ADDITIONAL INVENTOR(8)

Supplemental Sheet (Total of 2 forms are aubmitted.)

FULL NAME	OF INVENTOR(8)			
invantor 5:	Josie Dail	Date:	·	
Signature;		Cliban of:	China	
Inventor 8:	Jim Snyder	Date:		
Signalum;		Citizen of:	United States	
inventor 7;		Date;		
Bignature:		Citizen et:	<u> </u>	
Inventor 8:		Data:		
Signature:				
Signature:		Citizen of:		

Surden How Statement This collection of information is required by 36 U.S.C. 115 and 37 CFR 1.48. The information is used by the public (and the PTO to process) an application. Confidentially is governed by 35 U.S.C. 123 and 37 CFR 1.14. This form is estimated to set information in the complete. This form is estimated to set required to complete this form though se seem to the Chief Information Officer, U.S. Patent and Tradement Officer, Whathington, DC 2018 PA 3188400 VI

NO. 8868 P. 29

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Client Ref. No.: 3079

U.S. Patent and Tradsmark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1985, no parsons are required to respond to a collection of information unless it displays a valid OMS control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of In	NVENTION COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON							
As the below named inventor(s), I/we declare that:								
This declar	This declaration is directed to:							
] The	e altached appli	cation, or				
	5	App	plication No. 09	V020,743 filed o	in February 9	, 1998		
			as amended or	n(if appli	cable);	·		
l/we believe for which a	that l/we ar patent is sou	n/ere the o ight;	dginal and first	inventor(s) of th	e subject ma	tter which is claimed and		
(∖vė <u>havė i</u>	reviewed an mended by a	g <u>unders</u> te any amend	and the conten	ta of the above y referred to abo	e-Identified a	pplication, including the		
which becau international	I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT international filing date of the continuation-in-part application, if applicable; and							
All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.								
FULL NAME	OF INVENTO	OR(8)			-			
Inventor 1	David H	Mack			_ Date:	·		
Signature:					_ Citizen of:	United States		
Inv ento r 2	Kurt Gish				Date:			
Signature:					Citizen of:	United States		
Inventor 3	David Ba				Date:	Dec 7, 2001		
Signature:	Dav	d.Bo	elaban		Citizen of:	United States		
Inventor 4	Elina Khu	nin			Date:			
Signature					Citizen of:	United States		
Additional inventors are being named on form(s) attached hereto.								

Burden Hour Statement This collection of information is required by 85 U.S.C. 115 and 87 CFR 1.63. The information is used by the public to the (and the PTD to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form to estimated to take 1 minute to complete. This time will vary depending upon the needs of the inforitual case. Any comments on the bround of they you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Tradement Office. Patents, Washington, DC 20221, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for PA 3188400 v1

NO. 8868 CORE P. 30 01)

U.S. Patent and Trademark—mice; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no personal are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) -ADDITIONAL INVENTOR(S) Supplemental Sheet

(Total of 2 forms are submitted.)

FULL NAME	OF INVENTOR(S)			
Inventor 5:	Josie Dai	Date:	:	
Signature:		Citizen of:	China	,
Inventor 6:	Jim Snyder	Date:		
Signature:		Citizen of:	United States	
inventor 7:		Date:		
Signature:		Citizen of:		
Inventor 8:		Date:		
Signature:		Citizen of:		
		·		

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to Re (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Attorney Docket No.: 01854.__34800US Client Ref. No.: 3079

PTO/SB/01A (10-01)

Approved for use through 10/31/2002, OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid CMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Inv	ention		UTER-AIDED VISU ARISON	JALIZATIOI	OF EXPR	RESSION
As the below	r named inv	ventor(s), l	l/we declare that:			
This declarat	llon is direc	cted to:				
	C	ת ב	he attached applicati	on, or		
	2	X A	pplication No. 09/02	0,743 filed or	ı Feb⊓uary 9	, 1998
			as amended on _	(if applic	able);	
l/we believe to for which a p	that I/we ar atent is so	m/are the ought;	original and first Inve	entor(s) of the	subject ma	tter which is daimed and
Lwe have re claims, as an	viewed ar	nd underst	tand the contents of dment specifically re	of the above ferred to abo	identified a	pplication, including the
which became	rus to be m re availabl	iaterial to j le betweer	patentability as defir	ed in 37 CFF the prior at	R 1.56, Includ Oplication ar	ark Office all information ding material information of the National or PCT
All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.						
FULL NAME O	FINVENT	OR(S)				
, inventor 1	David H	I. Mack	·		Date:	
Signature:				<u> </u>	Citizen of:	United States
Inventor 2	Kurt Gisl	h			Date:	
Signature:					Citizen of:	United States
Inventor 3	David B	alaban			Date:	
Signature:				· · · · · · · · · · · · · · · · · · ·	Cluzen of:	United States
Inventor 4	Elina Khu	⊔rgin			Date:	12/7/01
Signature:	Se	nen	Khurch	sh	Citizen of:	United States
Additional inventors are being named on form(-) oftended burnle						

Burden Hour Statement This collection of information is required by 35 U.S.C. 116 and 37 CFR 1.63. The information is used by the public to file (and the PTO to procees) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Difficer, U.S. Patient and Tredemark Office. Patients, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patients, Washington, DC 20231. PA 3188400 vi

TTC PALO ALTO

NO. 8868

Client Ref. No.: 3079

Attorney Docket No.: 0185, 34800US

PTO/SB/01A (10-01)

Cfignt Ref. No.: 3079

Approved for use through 10/31/2002, OMB 0851-0032

U.S. Patent and Trademark Officer, U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) -ADDITIONAL INVENTOR(S) Supplemental Sheet

(Total of 2 forms are submitted.)

FULL NAME	OF INVENTOR(S)	•	
Inventor 5:	Josie Dai	Date:	
Signature:		Citizen of:	China
Inventor 6:	Jim Snyder	Date:	
Signatu re :		Citizen of:	United States
Inventor 7:		Date;	
Signature:		Citizen of:	
Inventor 8:		Date:	
Signature:		Citizen of:	
			

Burden Hour Statement: This collection of information is required by \$5 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application, Confidentiality is governed by \$5 U.S.C. 122 and \$7 CFR 1.14. This form is essimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Palent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Palchie, Washington, DC 20231. PA 3188400 v1

NO. 8868

PTO/SB/01A (10-01)

Client Ref. No.: 3079

Approved handse through 10/31/2002 CMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

7,440,77	- TODAY	COMPARISON	ION OF EXP	RESSION	
As the below named inventor(s), I/we declare that:					
This declar	ation is direct	ed to:			
		The attached application, or			
]		Application No. 09/020,743 filed	on February 9), 1998	
		as amended on (if ap	•		
for which a	that I/we am patent is sout	vare the original and first inventor(s) of pht;	the subject ma	itter which is claimed and	
l/we have daims, as a	reviewed and mended by a	I understand the contents of the abo ny amendment specifically referred to a	ove-identified a bove;	application, including the	
which beca	me available	ty to disclose to the United States Pate terial to patentability as defined in 37 (between the filing date of the prior the continuation-in-part application, if a	JFR 1.56, Inclu	ding material information	
All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.					
FULL NAME (OF INVENTO	R(S)			
Inventor 1	David H.	Mack	Date:		
Signature:			Citizen of:	United States	
Inventor 2	Kurt Gish		Date;		
Signature:			_ Citizen of:	United States	
Inventor 3	_David Bala	aban	Date:		
Signature:			_ Citizen of:	United States	
inventor 4	Elina Khur	gin	Date:		
Signature:			Citizen of:	United States	
Additional inventors are being named on form(s) attached harms					

Burden Hour Statement: This collection of Information is required by 35 U.S.C. 115 and 37 CFR 1.63. The Information is used by the public to 6ie (and the PTO to process) an application. Confidentiality is governed by 95 U.S.C. 122 and 97 CFR 1.14. This form 15 estimated to take 1 minute to complete. This time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Patents, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

NO. 8868 P. 34

PTO/S8/01A (10-01)

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Client Ref. No.: 3079

Approved Lize Urough 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) -ADDITIONAL INVENTOR(S) Supplemental Sheet

(Total of 2 forms are submitted.)

FULL NAME	OF INVENTOR(S)		
Inventor 5:	Josie Dai	Date:	12/6/200)
Signature;	John	Citizen of:	China
Inventor 6:	Jim Snyder	Date:	12/6/01
Signature:	JA TOR	— Cltizen of: —	United States
Inventor 7:	10	Date:	
Signature:		 Citizen of: 	
Inventor 8:		Oate:	
Signature:		Citizen of:	
			

Burden Mour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.69. The information is used by the public to file (and the PTO to process) an application. Confidenciality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Tradement Office. Washington, OC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissionar for Patents, Washington, DC 20231. PA 3188400 v1

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 018547-034800

STATEMENT UNDER 37 CFR 3.73(b)					
Applicant/Patent Owner: Affymetrix, Inc.					
Application No./Patent No.: 09/020,743	iled/issue Date: February 8, 1998				
Entitled: Computer-Aided Visualization of Expression Compa	noeh				
_Affvmetirx, Inc a comora	ition				
	gnee, e.g., corporation, partnership, university, government agency, etc.)				
states that it is:					
 the assignee of the entire right, title, and interest; 	or				
an assignee of an undivided part interest					
in the patent application/patent identified above by virtue of etc	her:				
 An assignment from the Inventor(s) of the patent applicate recorded in the Patent and Trademark Office at Real 94 attached. 	ation/patent identified above. The assignment was 18, Frame 0370, or for which a copy thereof is				
OR					
A chain of title from the inventor(s), of the patent applications shown below:	ntion/patent identified above, to the current assignee as				
	To:				
The document was recorded in the United States P. Real, or for which a copy them	atent and Trademark Office at nof is attached.				
2. From;	To :				
The document was recorded in the United States Pr	Bignt and Trademark Office at				
Real Frame or for which a copy there	eof is attached.				
3. From:	To :				
The document was recorded in the United States Pa	Stent and Trademark Office at				
Reel, Frame, or for which a copy there	of is attached.				
Additional documents in the chain of title are listed on a supplemental sheet.					
Copies of assignments or other documents in the chain of till	lle are attached				
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]					
The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.					
1/6/2001	Thubes duck				
Date	Signature				
	Joe Liebeschuetz				
	Typed or printed name				
	Attorney of Record				
	Title				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PA 3188409 v1

TTC PALO ALTO



しいかつ NO. 8868 OP. 36860US

UNITED S. S DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS Washington, D.C. 20231

PAD

DECEMBER 15, 1998

TOWNSEND AND TOWNSEND AND CREW LLP
DAN H. LANG
TWO EMBARCADERO CENTER
8TH FLOOR
SAN FRANCISCO, CA 94111-3834

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK CFFICE. A COMPLETE MICEOFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE. ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/17/1998

REEL/FRAME: 9418/0370 NUMBER OF PAGES: 3

BRIZF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MACK, DAVID H.

DOC DATE: 06/24/1998

ASSIGNEE:

AFFYMETRIX, INC. 3380 CENTRAL EXPRESSWAY SANTA CLARA, CALIFORNIA 95051

SERIAL NUMBER: 09020743

PATENT NUMBER:

FILING DATE: 02/09/1998

ISSUE DATE:

MARY BENTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

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CHESKHOT & CHESHWOT

-	FEB. 19. 2002- 2:46PM TTC PALO ALTO98	Attorney C No. 01 NO. 8868 P. 37
:	FORM PTO-1595 (Rev. 6-93)	OVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
-	To the Honorable Asst. Cor 100802297	
١.	1. Name of conveying party(ies):	attached original documents or copy thereof.
	David H. Mack	2. Name and address of receiving party(ies):
1		Name: Affymetrix, Inc.
	Additional name(s) of conveying party(jes) attached? Yes X No	Internal Address: 3380 Central Expressway
L		Street Address: 3380 Central Everessway
	3. Nature of conveyance:	Street Address: 3380 Central Expressway
	Assignment Merger Security Agreement Change of Name Other:	City: Santa Clara State: California ZIP: 95051
	L J Gallar	
	Execution Date: June 24, 1998	Additional name(s) & address(es) attached? Yes X No
	Application number(s) or patent number(s). If this document is being filed together with a new application. A. Patent Application No.(s) 09/020,743	ion, the execution date of the application is: B. Patent No.(s)
D. Fatent No.(s)		
	Additional numbers attack	hed? Yes X No
	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
	Name: Dan H. Lang TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (650) 326-2400	7. Total fee (37 CFR 3.41):
	(650) 326-2400	X so to beposit Account
		Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account
		8. Deposit account number: 20-1430
24/	1998 FTCM11 00000040 201430 09020743 \	
1	S61 40.00 CH	
+	DO NOT USE THIS SPACE	
8	Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
	Name of Person Signing Signature July 8, 1998	
		Date
4	(otal number of pag	es including cover sheet, attachments, and document:
1	O. Change Correspondence Address to that of Part 5? X Yes No	
ϕ	MB No. 0651-0011 (exp. 4/94)	
NI;	Assi. Commiss	ch this partion
+	Box Assignments Washington, D.C. 20231	

NO. 8868 - P. 38 -

Attorney Docket No. 018547-034800US / Client No. 3079

ASSIGNMENT OF PATENT APPLICATION

SOLE

1 ...

WHEREAS, David H. Mack of 2076 Monterey Avenue, Menlo Park, California 94025, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention:

COMPUTER-AIDED VISUALIZATION OF EXPRESSION COMPARISON

Date(s) of execution of Declaration: June 24, 1998

Filing date: February 9, 1998 Application No.: 09/020,743; and

WHEREAS, Affymetrix, Inc. a California corporation, located at 3380 Central Expressway, Santa Clara, California 95051, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and



Mach

instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date

Date: 10/24/98

indicated.

David H. Mack

I hereby certify that this correspondence is being delivered by Hand Delivery to:
Assistant Commissioner for Patents Rox: Issue Fee Washington, D.C. 2023
OnDescriber 10, 2001
TOWNSEND and TOWNSEND and CREW I.L.P
Ву:

Attorney Docket No.: 018:547034800 Client Reference No.: 3079

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

David H. Mack et al

Application No.: 09/020,743

Filed: February 9, 1998

For: COMPUTER-AIDED

VISUALIZATION OF EXPRESSION

COMPARISON

Examiner:

J. Siew

Art Unit:

1656

STATEMENT UNDER 37 CFR &

1.48(a)(4)

Box Issue Fee Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

l, the undersigned, on behalf of AFFYMETRIX, INC., the assignee of interest in U.S. Patent Application Serial No. 09/020,743 hereby agree to the change of the inventorship in that application by adding Kurt Gish, David Balaban, Elina Khurgin, Josie Dai and Jim Snyder as inventors. Attached herewith is a Certificate Under 37 C.F.R. 3.73(b), which establishes the ownership rights.

Date: 6/12/2001

AFFYMETRIX, INC.

Title: Executive Vice President

PATENT

David H. Mack et al Application No.: 09/020,743 Page 2

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 Tel: 650-326-2400 Fax: 650-326-2422

JOL:pfh PA 3188378 VI